

**Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only**

EFS ID: 19366
Application ID: 10065562
Title of Invention: Counter-Flow Heat Exchanger for Ceramic Gas Generator
First Named Inventor: Sammy Mickelson
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-10-30 
Submission Type: Utility Patent Filing
Filing Type: null
Confirmation Number: 0
Attorney Docket Number: LILS 184
Digital Certificate Holder: cn=Tom F. Marsteller Jr., ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: QYwGLXrukjTzETIfChPW2g==
Total Fees Authorized: \$780.0

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TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

LILS
184

Submission Type: Utility Patent
Filing

Counter-Flow Heat Exchanger for Ceramic Gas Generator

First Named Inventor: Sammy K. Mickelson

SUBMITTED BY

Name: Mr. Thomas F. Marsteller Jr.
Registration Number: 29,672
Electronic Signature Mark: /T F
Marsteller/ Date Signed: 20021030

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	Declar01.tif
declaration	Declar02.tif
specification	LILS184NP.xml
bibd-transmittal	LILS184NPads.xml

fee-transmittal
patent-assignments

LILS184NPfee.xml
LILS184NPasgn.xml

Attached Image File(s):

Declar01.tif
Declar02.tif

Comments:

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	LILS 184
First Named Inventor	Mickelson, Sammy K.
COMPLETE IF KNOWN	
Application Number	60 / 319491
Filing Date	26 AUGUST 2002
Art Unit	
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Counter-Flow Heat Exchanger for Ceramic Gas Generator

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) 08/26/2002 as United States Application Number or PCT International

Application Number 60 / 319491 and was amended on (MM/DD/YYYY) (If applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached: YES	Certified Copy Attached: NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments or suggestions for reducing burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DECLARATION 3/4 Utility or Design Patent Application

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30640

Name _____

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Country	Telephone	Fax
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Sammy K.	Family Name or Surname	Mickelson
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Inventor's Signature		Date	10/24/02
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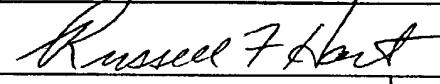
Residence: City	IA	US	US
State	Country	Citizenship	

Mailing Address
2734 Hickory Grove Road

City	IA	ZIP	US
Davenport	52804	Country	

NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Russell F.	Family Name or Surname	Hart
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Inventor's Signature		Date	10/24/02
-------------------------	---	------	----------

Residence: City	IA	US	US
Blue Grass	Country	Citizenship	

Mailing Address
2734 Hickory Grove Road

City	IA	ZIP	US
Davenport	52804	Country	

Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 780

BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 4647
Expiration Date: 20030430
Authorized Name: Thomas F. Marsteller Jr.
Billing Address: 75380-3302

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 14	1202	\$ 18	0	\$ 0
Independent Claims: 2	1201	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40